

PRODUCTION OF OXYGEN-RICH GAS**Publication number:** JP6234505 (A)**Also published as:****Publication date:** 1994-08-23 JP2765671 (B2)**Inventor(s):** NINOMIYA KOHEI; NISHIMURA SHOZO; TAKEDA TATSUSHI +**Applicant(s):** UBE INDUSTRIES +**Classification:****- international:** B01D53/22; B01D53/26; C01B13/02; B01D53/22; B01D53/26;
C01B13/02; (IPC1-7): B01D53/22; B01D53/26; C01B13/02**- European:** C01B13/02**Application number:** JP19930021370 19930209**Priority number(s):** JP19930021370 19930209**Abstract of JP 6234505 (A)**

PURPOSE: To effectively produce dry oxygen-rich gas from gas contg. at least oxygen, nitrogen and moisture, such as air by using a hollow fiber separation membrane. **CONSTITUTION:** Gas contg. at least oxygen, nitrogen and moisture is fed into a dehumidifying device incorporating a separation module consisting of a bundle of hollow fiber membranes to remove the moisture in the gas. Next, the dry gas is fed into an oxygen enrichment device incorporating a separation membrane module and the dry oxygen-rich gas is recovered from the permeated side and also the dry gas contg. unpermeated nitrogen is used for the removal of the moisture in the dehumidifying device.

.....
Data supplied from the **espacenet** database — Worldwide